

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A concrete block comprising a mixture of reclaimed spent abrasive particles, Portland cement, a natural aggregate filler which is different than the spent abrasive, and water, said mixture having the approximate composition by weight of 10 to 15% of Portland cement, 65 to 80% of the natural aggregate, 5 to 10% water, and 8 to 15% of the abrasive particles, wherein the majority of the abrasive particles have a particle size of 50 mesh or smaller; and the abrasive particles are thermoset particulate media selected from the group consisting of urea formaldehyde, cast acrylic, melamine formaldehyde, phenol formaldehyde, polyester, epoxy and polyurethane.

2. (Original) The concrete block defined in claim 1 wherein 45% to 50% of the abrasive particles have a size greater than 100 mesh.

3. (Original) The concrete block defined in claim 2 wherein 5% or less of the abrasive particles have a size greater than 50 mesh.

4. (Original) The concrete block defined in claim 1 wherein at least 70% of the abrasion particles have a size of 50 mesh or smaller.

5 - 6 (Canceled)

7. (Original) The concrete block defined in claim 1 wherein the Portland cement comprises approximately 12% by weight of the mixture.

8. (Original) The concrete block defined in claim 1 wherein the natural aggregate comprises approximately 78% by weight of the mixture.

9. (Original) The concrete block defined in claim 1 wherein the natural aggregate is comprised of approximately 75% limestone and 3% slag.

10. (Original) The concrete block defined in claim 1 wherein the abrasive particles comprise approximately 10% by weight of the mixture.

11. (Original) The concrete block defined in claim 1 wherein the filler is selected from the group consisting of pearlite, vermiculite, fly ash, and limestone.

12 - 20 (Canceled)

21. (New) The concrete block of claim 1 wherein the block has a compressive strength of at least 4,000 psi.

22. (New) The concrete block of claim 21 wherein the block is free of a superplasticizer.